

## Operation: 1963 and 1954

Industry, geographic area, and type of operation	1963 (1,000 hp.)		1963 (1,000 hp.)									
	horsepower per production worker	1954	Aggregate horsepower (prime movers and electric motors driven by purchased					Prime movers (horsepower)				
			Total	Loadin equipment	Transportatio n equipment	All other equipmen t	Total	Loading equipment	Transportatio n equipment	All other equipmen t		
1021 <b>COPPER ORES INDUSTRY</b>												
TOTAL	88	72	1,886	104	200	675	907	963	35	200	387	341
Geographic Area	79	(NA)	231	20	27	78	106	110	6	27	71	6
	92	78	960	48	106	328	478	535	20	106	232	177
	88	73	1,859	102	197	671	887	956	34	197	385	340
Type of Operation	79	82	631	53	72	336	170	272	18	72	142	47
	114	(NA)	726	43	72	279	332	432	2	72	142	121
	60	107	254	3	25	48	176	130	3	72	221	85
	95		248	3	28	8	209	122		28	4	87
Mines with treatment plants: Open pits .....												
Underground mines .....												
1031 <b>LEAD AND ZINC ORES INDUSTRY</b>												
TOTAL												
Zinc ores subindustry												
Geographic Area												
Northeast and North Central .....												
Missouri *												
East South Central (Tennessee)												
West .....												
Montana												
Idaho	56	55	435	32	45		271	95	16	45	18	16
Utah	61	59	207	9	20	87	128	34	4	20	7	13
Type of Operation	52	51	228	23	25	50	143	61	12	25	7	1
Producing establishments .....	65	49	156	7	15	37	88	25	2	15	11	4
Mines without treatment plants:	76	62	99	5	7	46	53	13	7	6	7	4
Underground mines .....	69	73	87	9	6	37	34	21	5	4	5	11
	80	(NA)	61	7	4	19	129	16	7	24	4	(Z)
Mines with treatment plants:	46	49	190	15	24	16	14	49	1	8	3	3
	37	28	18	2	1	22	14	2	2	1	(Z)	(Z)
	44	39	65	2	8	1	49	15	2	8	2	15
	58	63	53	3	5	6	36	8	2	5	2	2
Treatment plants only	54	52	417	31	43	9	259	90	15	43	1	2
Lead ores subindustry:	61	41	86	6	12	84	51	18	3	12	17	2
	64	(NA)	37	4	8	17	19	14	3	8	1	8
Mines with treatment plants:	53	47	286	21	28	6	172	64	9	28	9	(z)
	65	(NA)	196	16	9	65	113	35	7	9	15	3
	60	205	30	1	2	58	27	3	1	2	11	12
Zinc ores subindustry:	60	59	199	9	19	49	122	33	4	19	7	3
Producing establishments .....	57	(NA)	145	6	14	40	85	26	2	14	7	7
Mines with treatment plants:	68	(NA)	93	5	(Z)	37	51	6	1	(2)	5	3
Underground mines .....	50	51	218	22	24	35	137	57	11	24	10	12
Open stoping .....	49	(NA)	141	15	14	25	87	39	8	14	8	9
	62	(NA)	103	11	9	21	62	29	6	8	7	8
1042 <b>PLACER GOLD INDUSTRY</b>												
TOTAL												
Geographic Area												
North Central (South Dakota) .....												
South and West .....	40	51	83	5	12	16	50	31	3	12	1	15
Type of Operation	34	24	53	2	3	14	34	17	3	3	1	14
Producing establishments .....	56	(NA)	30	3	9	2	17	14		9		1
	39	39	74	4	10	15	45	27	2	10	(2)	15
1043 <b>PLACER GOLD INDUSTRY</b>												
TOTAL												
Geographic Area	308	129	100	14		13	64	51	2	9	11	29
Type of Operation	312	125	96	14	9	12	62	50	2	8	11	29
Producing establishments .....					8							
1044 <b>SILVER ORES INDUSTRY</b>												
TOTAL												
Geographic Area	49	34	57	2	16	11	28	24	2	16	2	4
	48	33	55	2	14	12	27	22	2	14	2	
Geographic Area	38	24	31	1	5	8	7	7	1	5	(2)	4
	43	31	46	2	10	9	17	16	1	5	1	1
Idaho	41	(NA)	43	1	7	10	25	13	1	10	1	4
Type of Operation							25			7		4

Underground mines with treatment plants
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See footnotes at end of table.